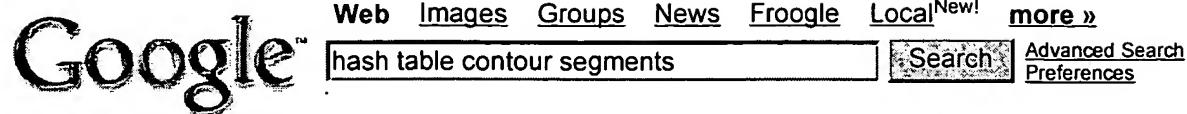


	Type	L #	Hits	Search Text	DBs	Time Stamp	Comment s	Error Definition	Err ors
1	BRS	L1	25	( "5179419"   "5319734"   "5535002"   "5543915"   "5596672"   "5600439"   "5636020"   "5657131"   "5671049"   "5727327"   "5729622"   "5729966"   "5768401"   "5768409"   "5809162"   "585047"   "5857049"   "5862250"   "5898494"   "5923781"   "5995212"   "6069991"   "6088498"   "6105396"   "6183343" ) . PN.	USPAT	2005/02/11 11:34			
2	BRS	L2	0	1 and hash	USPAT	2005/02/11 10:24			
3	IS&R	L3	4690	(382/103,141,149,152,173,177,181,199,205,242,260,266,267,284) . CCLS	USPAT	2005/02/11 10:25			
4	BRS	L4	30	((identif\$7 or recogn\$6) near5 contour\$1) same (contour\$1 near1 segment\$1)	USPAT	2005/02/11 10:27			
5	BRS	L5	6	4 same (connect\$5 or join\$3 or chain\$2)	USPAT	2005/02/11 10:29			
6	BRS	L6	1340	orient\$5 near1 filter\$3	USPAT	2005/02/11 10:48			
7	BRS	L7	68	6 same fiber\$1	USPAT	2005/02/11 10:49			
8	BRS	L8	0	7 same imag\$3	USPAT	2005/02/11 10:49			

Type	L #	Hits	Search Text	DBs	Time Stamp	Comment s	Error Definition	Err ors
9	BRS	L9	0 7 same (contour\$1 or edge\$4)	USPAT	2005/02/11 10:49			
10	BRS	L10	1 7 same (defect\$3 or scratch\$2 or crack\$1 or irregular\$5 or Flaw\$1)	USPAT	2005/02/11 10:50			
11	BRS	L11	3618 ((edge\$4 or contour) near4 (segment\$1 or connect\$5 or join\$4) same imag\$3	USPAT	2005/02/11 10:51			
12	BRS	L12	408 11 and fiber\$1	USPAT	2005/02/11 10:52			
13	BRS	L13	280 11 same feature\$1	USPAT	2005/02/11 10:52			
14	BRS	L14	10 13 and hash\$3	USPAT	2005/02/11 10:57			
15	BRS	L15	908 (creat\$3 or form\$3 or generat\$3) same chain\$2 same contour\$1	USPAT	2005/02/11 10:58			
16	BRS	L16	324 15 same (segment\$1 or line\$1)	USPAT	2005/02/11 10:59			
17	BRS	L17	2 16 and ((join\$4 or connect\$5) near2 (contour\$1 or edge\$5) near2 segment\$1)	USPAT	2005/02/11 11:23			
18	BRS	L18	221 (contour\$1 or edge\$5) same hash\$3	USPAT	2005/02/11 11:01			
19	BRS	L19	38 18 same imag\$3	USPAT	2005/02/11 11:01			
20	BRS	L20	28183 "38" same (connect\$5 or join\$5 or chain\$2)	USPAT	2005/02/11 11:02			

Type	L #	Hits	Search Text	DBS	Time Stamp	Comment	Error Definition	Errors
21	BRS	L21	12 19 same (connect\$5 or join\$5 or chain\$2)	USPAT	2005/02/11 11:02			
22	BRS	L22	896 (flaw\$1 or defect\$3 or scratch\$2 or irregular\$5 or crack\$2) same fiber\$1 same imag\$3	USPAT	2005/02/11 11:22			
23	BRS	L23	85 22 same (connect\$5 or chain\$2 or join\$3)	USPAT	2005/02/11 11:20			
24	BRS	L24	6 23 same filter\$3	USPAT	2005/02/11 11:22			
25	BRS	L25	0 23 and ((direction\$3 or orient\$5) near1 filter\$3)	USPAT	2005/02/11 11:29			
26	BRS	L26	21283 ((flaw\$1 or defect\$3 or scratch\$2 or irregular\$5 or crack\$2) near10 (edge\$4 or contour\$1))	USPAT	2005/02/11 11:23			
27	BRS	L27	18 26 and ((group\$5 or chain\$2 or join\$4 or connect\$5) near2 (contour\$1 or edge\$5) near2 segment\$1)	USPAT	2005/02/11 11:29			
28	BRS	L28	1 27 and ((direction\$3 or orient\$5) near1 filter\$3)	USPAT	2005/02/11 11:29			
29	IS&R	L31	723 (356/237.1,238.3) .CCLS	USPAT	2005/02/11 11:35			
30	IS&R	L32	144 (348/92) .CCLS.	USPAT	2005/02/11 11:35			

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comment s	Error Definition	Err ors
1	IS&R	L1	459	(382/190) .CCLS .	USPAT	2005/02/1 1 15:06			
2	BRS	L2	16	extract\$4 same contour\$1 same (identif\$6 or recogn\$6) same (defect\$3 or scratch\$2 or crack\$3 or flaw\$1 or foreign or irregular\$5)	USPAT	2005/02/1 1 15:08			
3	BRS	L3	1	2 same filter\$3	USPAT	2005/02/1 1 15:08			
4	BRS	L4	0	2 same (connect\$5 or join\$5 or chain\$2)	USPAT	2005/02/1 1 15:08			



## Web

Results 1 - 10 of about 779 for hash table contour segments (0.27 seconds)

Tip: Save time by hitting the return key instead of clicking on "search"

### [PDF] No title yet

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... geometric **hashing** [4] techniques that have gained popularity ... off-line construction of the **hash table**, the system ... A **table** T is constructed, and filled according ...

[www.cs.ucsb.edu/~yfwang/papers/icme01.pdf](http://www.cs.ucsb.edu/~yfwang/papers/icme01.pdf) - [Similar pages](#)

### [PDF] Fast Retrieval of Isolated Visual Shapes

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... indexes the lookup **table** by individual ... as in geometric **hashing**, and re ... Each **contour** is represented as an attributed string corresponding to a sequence of contour segments ...

[www.cs.uic.edu/~super/superCVIU.pdf](http://www.cs.uic.edu/~super/superCVIU.pdf) - [Similar pages](#)

### [PDF] PII: S0031-3203(97)00059-9

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... and scene descriptors and to determine a searching range in the **hashing table**. ... n **hash tables**. Each bin of a **hash table** corresponds to a particular value of an ...

[rcv.kaist.ac.kr/publication/file/foreign\\_journal/10\\_KyoungSigRoh\\_PR1998.pdf](http://rcv.kaist.ac.kr/publication/file/foreign_journal/10_KyoungSigRoh_PR1998.pdf) - [Similar pages](#)

### PDL::Graphics::TriD::Contours - 3D Surface contours for TriD

... the **contour** color and \$options is a **hash** reference to a ... to use the the PDL::Graphics::LUT manpage **tables** in a ... 256 colors supplied by the look up **table** into the ...

[pdl.sourceforge.net/PDLdocs/Graphics/TriD/Contours.html](http://pdl.sourceforge.net/PDLdocs/Graphics/TriD/Contours.html) - 5k - [Cached](#) - [Similar pages](#)

### PDL::Graphics::TriD::Rout - Helper routines for Three-dimensional ...

... repulse uses a **hash table** of cubes to quickly calculate a ... For each **contour** value we look for intersections on the line **segments** joining points of ...

[pdl.sourceforge.net/PDLdocs/Graphics/TriD/Rout.html](http://pdl.sourceforge.net/PDLdocs/Graphics/TriD/Rout.html) - 6k - [Cached](#) - [Similar pages](#)

### [PDF] PII: S0031-3203(98)00164-2

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... features by mapping **contour segments** between dominant ... Hashing- based schemes cannot directly exploit the ... The conventional **hash-table**-based indexing scheme used ...

[www.cse.iitd.ernet.in/~suban/papers/PR2d.pdf](http://www.cse.iitd.ernet.in/~suban/papers/PR2d.pdf) - [Similar pages](#)

### FM: Multi-view 3-D object retrieval with incomplete data

... and it does not risk losing any useful structure on the **contour**. ... In response to an input query, geometric **hashing** is first used to ... (A **hash table** is constructed ...

[www.ee.surrey.ac.uk/Research/VSSP/demos/imagedb/](http://www.ee.surrey.ac.uk/Research/VSSP/demos/imagedb/) - 5k - [Cached](#) - [Similar pages](#)

### pp\_addpm({At=>Top},<<'EOD'); =head1 NAME PDL::Graphics::TriD::Rout ...

... C<repulse> uses a **hash table** of cubes to quickly calculate a ... contour\_segments\_internal(\$c,\$data,\$points,\$segs,\$cnt); # print "contour segments done ",\$points ...

[search.cpan.org/src/CSOE/PDL-2.4.2/Graphics/TriD/Rout/rout.pd](http://search.cpan.org/src/CSOE/PDL-2.4.2/Graphics/TriD/Rout/rout.pd) - 13k - [Cached](#) - [Similar pages](#)

### [PDF] Split-Ordered Lists: Lock-Free Extensible Hash Tables\*

File Format: PDF/Adobe Acrobat

... are the logical "buckets" typical of most **hash tables**. ... Figure 5: Our split-order

based **hashing** algorithm ... has the desired properties of a resizable **hash table**. ...  
portal.acm.org/ft\_gateway.cfm?id=872049&type=pdf - [Similar pages](#)

[PDF] **ABSTRACT** We propose a simple, isometry invariant pattern matching ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

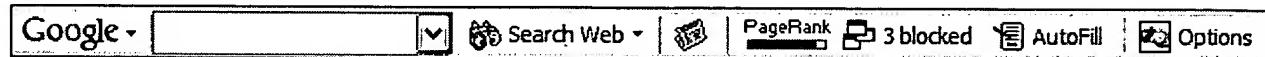
... of binary trees, roots of which are stored in a **hash table**. ... Note, that the **hashing** function can be adjusted to the ... to the use of simple look-up **tables** based on ...

www.ece.cmu.edu/~mn/publications/ ISPD98\_ContourMatching.pdf - [Similar pages](#)

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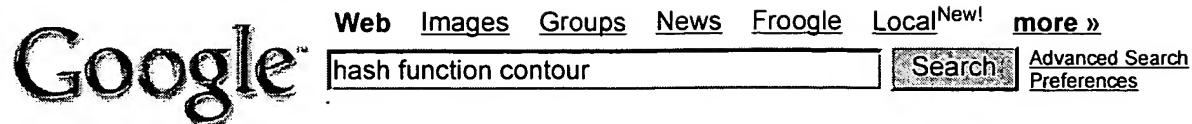


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**Web**Results 1 - 10 of about 8,110 for hash function contour. (0.12 seconds)Graduate Courses

... **Hash functions** and data integrity. ... transformations, analytic and harmonic **functions**, **contour** integration, Cauchy's ... residues, and special **function** and conformal ...  
[www.math.fau.edu/Graduate\\_Students/courses.htm](http://www.math.fau.edu/Graduate_Students/courses.htm) - 32k - [Cached](#) - [Similar pages](#)

PDL::Graphics::TriD::Contours - 3D Surface contours for TriD

... **contour** color and \$options is a **hash** reference to a list of options documented below. Contours can also be colored by value using the **set\_color\_table** **function**. ...  
[pdl.sourceforge.net/PDLdocs/Graphics/TriD/Contours.html](http://pdl.sourceforge.net/PDLdocs/Graphics/TriD/Contours.html) - 5k - [Cached](#) - [Similar pages](#)

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... inherited from Object), Serves as a **hash function** for a particular type, suitable for use in **hashing** algorithms and data structures like a **hash** table. ...  
[www.aspose.com/Products/Aspose.Chart/Api/Aspose.Chart.PaintEventArgsMembers.html](http://www.aspose.com/Products/Aspose.Chart/Api/Aspose.Chart.PaintEventArgsMembers.html) - 8k - [Cached](#) - [Similar pages](#)

Geoinformatik Service Wörterbuch H

... protection; **Hash function**; Hatching; Head for writing/reading; Header; Header; Hectare; Height above German reference surface; Height above sea level; Height **contour** ...  
[www.geoinformatik.uni-rostock.de/woerterbuche.asp?ID=676499697&letter=H](http://www.geoinformatik.uni-rostock.de/woerterbuche.asp?ID=676499697&letter=H) - 23k - [Cached](#) - [Similar pages](#)

[PDF] Fast Contour Matching Using Approximate Earth Mover's Distance ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)  
 ... and NN search algorithms described above, a rich but compact **contour** feature descriptor ...  
 Next, a set of ran- dom LSH **hash functions** are generated, and all of ...  
[people.csail.mit.edu/krauman/emd/cvpr04\\_grauman.pdf](http://people.csail.mit.edu/krauman/emd/cvpr04_grauman.pdf) - [Similar pages](#)

Applied Cryptology

... strong and weak collision-free **hash functions**; single and ... Logarithm Problem: Lloyd Louw; **Contour** Integration and the Riemann Zeta **Function**: Sibusiso Mabaso; ...  
[dip.sun.ac.za/~vuuren/Cryptology/index.php](http://dip.sun.ac.za/~vuuren/Cryptology/index.php) - 14k - [Cached](#) - [Similar pages](#)

[PPT] Automatic Fingerprint Verification

File Format: Microsoft Powerpoint 97 - [View as HTML](#)  
 ... Binarization. **Contour** Extraction. Noise Removal. ... Implemented a novel scheme for securing biometric data in an open environment using symmetric **hash functions**. ...  
[www.eng.buffalo.edu/~ssc5/resources/presentations/lectures/Lec8\\_2.ppt](http://www.eng.buffalo.edu/~ssc5/resources/presentations/lectures/Lec8_2.ppt) - [Similar pages](#)

Python: module disipyl.contours

... given functi...above.\n \* zstep: **contour** interval.\n ... Data and non-method **functions** inherited from disipyl ... name **\_\_hash\_\_**(...) x.**\_\_hash\_\_**() <== **hash**(x)**\_\_reduce\_\_** ...  
[kim.bio.upenn.edu/~pmagwene/disipyl/disipyl.contours.html](http://kim.bio.upenn.edu/~pmagwene/disipyl/disipyl.contours.html) - 51k - [Cached](#) - [Similar pages](#)

export.h /\* \* Copyright (c) 1989, Research Systems Inc. All ...

... HashTable \*table; /\* ^ to **hash** table area ... FUN\_RET window\_menu; /\* Menu **function** \*/ }  
 DEVICE\_WINDOW; /\* \* DEVICE\_DEF is ... controls # of **contour** levels \*/ #define ...  
[www.jwave.vt.edu/wapplet/server/export.h](http://www.jwave.vt.edu/wapplet/server/export.h) - 51k - [Cached](#) - [Similar pages](#)

**Scientific Visualization - Projects**

... Can also add **contour** lines with a black line. ... Have the **hash function** based on the x,y,z or a radial value as well as the data values d1, d2, d3, ... ...

[www.cse.ohio-state.edu/~crawfis/cis788/projects.htm](http://www.cse.ohio-state.edu/~crawfis/cis788/projects.htm) - 21k - [Cached](#) - [Similar pages](#)

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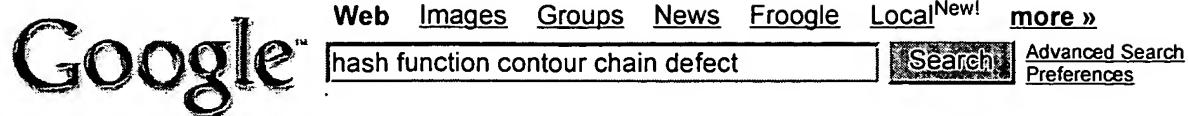
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**Web**Results 11 - 20 of about 206 for **hash function contour chain defect**. (0.11 seconds)**[PDF] arXiv:cond-mat/0209247 v1 10 Sep 2002**File Format: PDF/Adobe Acrobat - [View as HTML](#)

... According to [7], the density of bends goes to zero at the transition and the **chain** entropy vanishes. ... The partition **function** of the semiflexible loop model is ...

[arxiv.org/pdf/cond-mat/0209247](http://arxiv.org/pdf/cond-mat/0209247) - [Similar pages](#)

**[DOC] September 2003**File Format: Microsoft Word 2000 - [View as HTML](#)

... Fourier Methods (5 credit module, Spring Semester) Fourier Series and its applications.

Introduction to generalised **functions**. Elementary **contour** integration. ...

[www.ucc.ie/services/iso/docs/Science%202004.doc](http://www.ucc.ie/services/iso/docs/Science%202004.doc) - [Similar pages](#)

**[PDF] Department of Information Technology SATHYABAMA INSTITUTE OF ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Cauchy's Residue theorem-**Contour** Integration around ... Implementaion of dictionary using **hash** table. ... arbitrary constants and arbitrary **function** – solutions by ...

[www.sathyabamauniv.ac.in/it/btech.pdf](http://www.sathyabamauniv.ac.in/it/btech.pdf) - [Similar pages](#)

**ENGLISH PICODICO - [ Translate this page ]**

... **hash**???? livre (unité de poids). ... **bound** : borne. **boundary** : frontière, **contour**. ... **bracket**

**function** : fonction partie entière, qui se note [x]. **braid** : tresse. ...

[trucsmaths.free.fr/dicomaths/dicofgb.html](http://trucsmaths.free.fr/dicomaths/dicofgb.html) - 60k - [Cached](#) - [Similar pages](#)

**[PDF] . Calculate Operation of GCAA on an a Priori Contig tc 1 . . . .**File Format: PDF/Adobe Acrobat - [View as HTML](#)

... clone IS connected [o / each other by a **chain** of overlaps ... length score breaks the tie—its only **function** in the ... map of a national forest, and a **contour** map of ...

[www.fas.org/sgp/othergov/doe/lanl/pubs/00418725.pdf](http://www.fas.org/sgp/othergov/doe/lanl/pubs/00418725.pdf) - [Similar pages](#)

**[PDF] ARCHITECTURE**File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Interdependence of space, structure, circulation and **function**. ♦ Scale and architecture. ♦ Perception of architecture: Kinesthetic and Sensory. ...

[www.mnit.ac.in/academic/syllabus\\_II\\_IV.pdf](http://www.mnit.ac.in/academic/syllabus_II_IV.pdf) - [Similar pages](#)

**[PS] Abstracts of Contributed Lectures and Posters**File Format: Adobe PostScript - [View as Text](#)

... C CABALLERO-GIL, Pino (University of La Laguna, Spain)Algorithm-independent attacks on unkeyed **hash functions** and digital signature schemes The security of ...

[www.ma.hw.ac.uk/iciam99/PrintedProgramme/ BookOfAbstracts\\_pp233-334.ps](http://www.ma.hw.ac.uk/iciam99/PrintedProgramme/ BookOfAbstracts_pp233-334.ps) - [Similar pages](#)

**[PDF] TECHNICAL MANUAL**

File Format: PDF/Adobe Acrobat

... is also a **function** for achieving the optimum **contour** compensation level ... External control **function** The MPJ ... projection units is possible in daisy **chain** format by ...

[www.pioneerelectronics.com/pio/ pe/images/portal/cit\\_3424/30928781rmv2550.pdf](http://www.pioneerelectronics.com/pio/ pe/images/portal/cit_3424/30928781rmv2550.pdf) - [Similar pages](#)

**[PDF] ICPR 2002 Final Program**File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Badges Identification badges are mandatory and will be required for admission to all Congress **functions**, scientific program, poster sessions and exhibition ...

icpr2002.gel.ulaval.ca/icpr2002FinalProgram.pdf - [Similar pages](#)

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... hash???? livre (unité de poids) ... bound : borne. boundary : frontière, **contour**. ... bracket **function** : fonction partie entière, qui se note [x]. braid : tresse. ...

mapage.noos.fr/r.ferreol/langage/dicofgb/dicofgb.htm - 101k - [Cached](#) - [Similar pages](#)

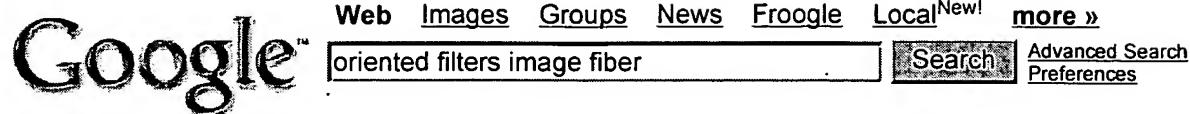
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## Web

Results 1 - 10 of about 108,000 for oriented filters image fiber. (1.18 seconds)

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### [PDF] [Oriented Tensor Reconstruction: Tracing Neural Pathways from ...](#)

File Format: PDF/Adobe Acrobat

... Figure 3: Comparison of non-filtered (left **image**) and MLS filtered (right **image**) **fiber** tracts ... Figure 5: **Oriented** moving least squares (MLS) tensor **filter**. ...

[doi.ieeecomputersociety.org/10.1109/VISUAL.2002.1183799](http://doi.ieeecomputersociety.org/10.1109/VISUAL.2002.1183799) - [Similar pages](#)

### [Oriented tensor reconstruction](#)

... **Oriented** tensor reconstruction: tracing neural pathways from diffusion tensor ... Digital **Filters**. ... **Image** processing for diffusion tensor magnetic resonance **imaging** ...

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### [PDF] [Capture of Hair Geometry from Multiple Images](#)

File Format: PDF/Adobe Acrobat

... issue: what is the local orientation of an **image**? ... any strong properties (eg, the size of **oriented** segments or ... but to choose among some existing **filters** the one ...

[portal.acm.org/ft\\_gateway.cfm?id=1015784&type=pdf](http://portal.acm.org/ft_gateway.cfm?id=1015784&type=pdf) - [Similar pages](#)

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### [PDF] [Method to make aligned fiber filter media](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... mats (Figure 3). Microscope **images** in Figure 4 for the xz and yz planes show the **fibers** are highly **oriented** in the z direction. The **filter** samples prepared by ...

[www.engineering.uakron.edu/~chem/fclty/chase/Fiber%20Orientation%20Summary%20Aug%2004.pdf](http://www.engineering.uakron.edu/~chem/fclty/chase/Fiber%20Orientation%20Summary%20Aug%2004.pdf) - [Similar pages](#)

### [DOC] [MRIcro](#)

File Format: Microsoft Word 2000 - [View as HTML](#)

... Research **oriented**; Stand-alone and easy to use; Costless. ... polygon; Overlap statistical Maps; Multi-slice view; **Image** processing: noise **filtering**, histogram; ...

[vuiis.vanderbilt.edu/~arlinglr/freewareintro.doc](http://vuiis.vanderbilt.edu/~arlinglr/freewareintro.doc) - [Similar pages](#)

### [High-Temperature Fiber Optic Imaging](#)

... piece of sapphire scrap to keep it **oriented** properly, this ... at 1000'C. Without **filtering** the **image** began washing ... C. A 650-nm short-pass **filter** reestablished the ...

[www.tvu.com/HTFOImagweb.htm](http://www.tvu.com/HTFOImagweb.htm) - 52k - [Cached](#) - [Similar pages](#)

### [Ophir Optronics Laser Beam Profiler](#)

... with a simple fastening ring and can be **oriented** in any ... onto the BeamStar CCD while enlarging the **image** 4x ... allows the use of the standard BeamStar **filters** so as ...

[www.ophiropt.com/div/laser/prod/laser\\_beam\\_profiler.htm](http://www.ophiropt.com/div/laser/prod/laser_beam_profiler.htm) - 61k - [Cached](#) - [Similar pages](#)

### [PDF] [Wavelength-switchable flat-top fiber comb filter based on a Solc ...](#)

File Format: PDF/Adobe Acrobat

... Figure 2(a) shows the schematic diagram of the proposed PDLC ... introduced into the port 1 of the **filter** is x ... HWP 1 (with its fast axis  $\theta$  h1 **oriented** with respect ...

[www.opticsexpress.org/view\\_file.cfm?doc=%24\)%5C'-K0%20%20%0A&id=%25\(%2C%23.J%2C4%20%0A](http://www.opticsexpress.org/view_file.cfm?doc=%24)%5C'-K0%20%20%0A&id=%25(%2C%23.J%2C4%20%0A) - [Similar pages](#)

## Beam Processing

.... This plate is also **oriented** at 45 degrees to each linear ... I refer you to the signal processing diagram. ... we can use a couple of Low pass **filters** to further ...  
[bat.nmt.edu/fox/processing.html](http://bat.nmt.edu/fox/processing.html) - 9k - [Cached](#) - [Similar pages](#)

## PDF] Polarization-Independent Tunable Fiber Comb Filter

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... 1(a) shows the schematic diagram of the tunable comb ... light introduced into Port 1 of the **filter** is polarized ... HWP 1 (with its fast axis **oriented** with respect to ...  
[147.46.116.84/holotech/papers/YWLee-PTLSep2004.pdf](http://147.46.116.84/holotech/papers/YWLee-PTLSep2004.pdf) - [Similar pages](#)

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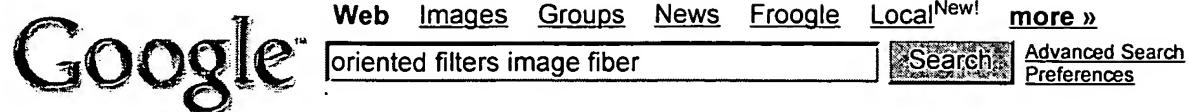
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**1 Linearization of Multichannel Analog Optical Transmitters by Quasi-Feedforward Compensation Technique**

*Patterson, R.; Straus, J.; Blenman, G.; Witkowicz, T.;*  
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[\[Abstract\]](#) [\[PDF Full-Text \(784 KB\)\]](#) **IEEE JNL**

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**2 SNR Fluctuation and Nonlinear Distortion in PFM Optical NTSC Video Transmission Systems**

*Kanada, T.; Hakoda, K.; Yoneda, E.;*  
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Pages:1868 - 1875

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**3 Investigation of microcolumnar scintillators on an optical fiber coupled compact imaging system**

*Tornai, M.P.; Archer, C.N.; Weisenberger, A.G.; Wojcik, R.; Popov, V.; Majewski, S.; Keppel, C.E.; Levin, C.S.; Tipnis, S.V.; Nagarkar, V.V.;*  
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**9 CCD-based high resolution digital radiography system for non destructive evaluation**

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**15 CCD-based high resolution digital radiography system for nondestructive evaluation**

*Nagarkar, V.V.; Gordon, J.S.; Gupta, T.K.; Vasile, S.; Gothoskar, P.; Entine, C*  
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4 L1

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L4 L3 and connect\$6

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0 L5

L6 L4 and contour

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L8 L7 and chain

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4081 L9

(recogn\$6 or identif\$6 or detect\$4) with (defect\$4 or scratch\$2 or

<u>L10</u>	irregular\$5 or flaw) with imag\$3	4460	<u>L10</u>
<u>L11</u>	L10 same fiber	91	<u>L11</u>
<u>L12</u>	L11 and hash	0	<u>L12</u>
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<u>L16</u>	L15 same (line or edge or segment)	138	<u>L16</u>
<u>L17</u>	L16 same chain\$2	15	<u>L17</u>
<u>L18</u>	((contour near2 segment) near5 (connect\$5 or join\$5 or chain\$2))	107	<u>L18</u>
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<u>L30</u>	(contour near1 segment) same (join\$3 or connect\$5 or chain\$2)	146	<u>L30</u>
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<u>L32</u>	L30 same imag\$3	33	<u>L32</u>
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<u>L34</u>	L32 and (defect\$3 or crack or irregular\$5 or scratch\$2)	4	<u>L34</u>
<u>L35</u>	imag\$3 with ((orient\$5 or direct\$4) near2 filter\$3)	1118	<u>L35</u>
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<u>L37</u>	(contour or edge) same (connect\$5 or join\$3 or chain\$2) same imag\$3	12344	<u>L37</u>

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